Mark Engemann 4513 Edgewater Dr. Greenwood, Ca 95635 530-888-7251

Mark.Engemann@Colliers.com

Resume:

Significant outdoor events completed:

- Western States 100 mile trail run
- Leadville Colorado 100 mile mountain bike race
- Tevis Cup 100 mile endurance ride
- 1997 Australian eco-challenge adventure race (9 days)

I am a multi-sport enthusiast and I have several thousand miles on local trails in the following disciplines:

- trail running
- mountain biking
- endurance riding

Statement:

Mountain Bikes and Endurance riders are unable to share technical, single track trails on the same day. The only certainty that this sharing of trails will bring is that there will be physical and economical damage created. The only uncertainty is the extent of the damage.

I do not know any mountain bikers that ride technical single track trails who have not bumped handlebars or have not run someone off of a trail and/or have themselves been run off a trail. On a technical single track trail with obstacles, sand, mud, bushes, blind corners, various speeds and abilities, the wearing of personal listen devises, when sharing the trails, collisions are inevitable.

The difference between horses and mountain bikes is that horses don't bump, they jump and technical single track trails have consequences which horses have a tendency to ignore. When faced with an unknown situation, as an example a mountain bike moving fast, possibly spraying dirt, with a collision a possibility, the horse might initially perceive this entity as a threat, to which the horses reaction is often "fright and flight". The direction of "flight" is not considered, and the consequences can be significant. I ride on trails where the drops can be several hundred feet and there is no room to maneuver.

Remedies:

There are no remedies that I am aware of other than to keep the two disciplines separated on technical trails. Enforcement is not viable as much of the trails are little used, several miles from a main trail head and not easily patrolled. My most recent experience was Saturday, April 2 2011 off of Sligermine Rd. in Greenwood, CA. (The 80

mile mark of the Western States run) Two mountain bikers were driving to the trail head and I informed them that the trails were equestrian and pedestrian only. The mountain bikers acknowledged me and continued their program of preparing to ride the equestrian trails. These are trails with consequence and although the two mountain bikers acknowledged the danger it was not enough to persuade them not to ride. Because of the scarcity in resources, I don't believe a ranger could wait the possible hours it would take for a group to return from a mountain bike ride at a lightly used trail head. In all of my years of utilizing the trail system I have never seen an enforcement action with regards to mountain bikes but I have seen numerous mountain bikers bootlegging equestrian trails. With the new realities of the park system budgets, the minimal enforcement that had been provided may well become truly non-existent.